



Zoom ADSL X4

ADSL Modem + Gateway + Router + Firewall

Model 551

High-speed always-on Internet access

Built-in Router for 1 to 253 Concurrent Users

Ethernet and USB ports - supports concurrent use by 2 computers, or by a PC and a Hub or wireless access point

Works with Windows®, Linux, & Macintosh® Computers

Easy to install

Built-in NAT firewall security for hacker protection

Works great with wireless access points or gateways

Documentation and software provided in Danish, Dutch, English, French and Portuguese and Spanish

Two year warranty

The Zoom ADSL X4 is a full-rate ADSL modem and a powerful gateway/router/firewall in a single affordable product.

Ethernet and USB ports supporting concurrent use provide extreme flexibility. Plug in one or two computers, and each can enjoy simultaneous independent Web access. Or connect a computer to the USB port, and a hub or wireless access point to the Ethernet port, to provide simultaneous Internet access for up to 253 computers.

Setup is easy using any authorized local or remote computer's Web browser and the product's intuitive graphical user interface.

A built-in ARM9 processor helps to create a stable, powerful platform; and upgradeable Flash memory allows easy feature upgrades.

Documentation and software is provided in Danish, Dutch, English, French, Portuguese and Spanish. Technical support is available in English, French, German and Spanish.

Specifications

ADSL Compliance

- Compliant with ADSL standards:
 - Full-rate ANSI T1.413 Issue 2 and ITU G.dmt (G.992.1) standards
 - Splitterless G.lite (G.992.2) specification
 - Annex A
- DMT modulation and demodulation
- Full-rate adaptive modem
 - Maximum downstream rate of 8 Mbps
 - Maximum upstream rate of 1 Mbps
- Tone detection for low power mode
- Supports splitterless ADSL implementation
- Supports DSLAM notification on power loss (Dying gasp)
- Interoperable with all major DSLAM manufacturers

ATM Protocols

- WAN mode support: PPP over ATM (RFC 2364) and PPP over Ethernet (RFC 2516)
- LAN mode support: bridged/routed Ethernet over ATM (RFC 1483) and Classical IP over ATM (RFC 1577)
- ATM Forum UNI 3.1/4.0 PVC
- Up to eight virtual circuits
- ATM segmentation and re-assembly
- ATM AAL5 (adaption layer type 5)
- OAM F4/F5

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Specifications (continued)

Bridge Mode	<ul style="list-style-type: none"> • Ethernet to ADSL self learning - Transparent Bridging (IEEE 802.1D) • Supports up to 128 MAC learning addresses
Router Mode	<ul style="list-style-type: none"> • IP routing - RIP v2 • Static routing • DNS Proxy • Port Forwarding • DHCP (Dynamic Host Configuration Protocol) server and client • NAT (Network Address Translation) • NAPT (Network Address and Port Translation) • Simultaneous USB and Ethernet operation
Security	<ul style="list-style-type: none"> • User authentication for PPP • PAP (Password Authentication Protocol) • CHAP (Challenge Authentication Protocol) • Password protected system management
Ethernet Interface	<ul style="list-style-type: none"> • IEEE 802.3 compliant • 10/100 BaseT - RJ45
USB Interface	<ul style="list-style-type: none"> • Compliant with USB Specification, Revision 1.1 • Full-speed USB (12 Mbps)
Web-based	<ul style="list-style-type: none"> • HTTP Graphical User Interface • Password protected access • Firmware upgrade via FTP • WAN and LAN side connection statistics • Configuration of static routes and routing table • Configuration of NAT/NAPT • Selection of bridge or router mode • PPP user ID and password • Configuration of virtual circuits
Warranty	<ul style="list-style-type: none"> • 2 years
Size	<ul style="list-style-type: none"> • 14.6cm x 11.2cm x 2.8cm
Regulatory Approval	<ul style="list-style-type: none"> • CE, EN5502, EN55024, IE C69950



International Headquarters

Zoom Telephonics, Inc.
207 South Street
Boston, MA 02111
USA
Tel: 617 423-1072
Fax: 617 423-3923
email: sales@zoom.com
www.zoom.com
Nasdaq: ZOOM

European Sales/Support

Zoom/Hayes
430 Frimley Business Park
Frimley, Camberley
Surrey, GU16 5SG UK
Tel: +44 (0) 1276 704400
Fax +44 (0) 1276 704500

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Package contents:

- Ethernet/USB modem
- Ethernet cable
- USB cable
- Phone cable
- CD ROM disk
- User manual
- Power adapter
- Filters and phone adapters:
Filters and/or phone adapters may be included in some markets. Please check the package for specifics or ask your dealer. An ADSL filter allows a telephone, facsimile machine, or other telephone instrument to be used even when you are online with your ADSL modem.